

In the Sequence Listing:

Please replace the paper copy of the previously submitted Sequence Listing with the paper copy of the substitute Sequence Listing submitted herewith. A computer-readable copy (CFR copy) of the substitute Sequence Listing accompanies this response.

Amendments

In the Specification:

Please replace the paragraph beginning at page 16, line 6, with the following rewritten paragraph:

--For full sequencing, one of the PCR-primers in a primer pair was designed for sequencing by addition of a 29 nucleotide tail complementary to M13 at its 5'-end, namely the nucleotides AGTCACGACGTTGTAAAACGACGGCCAGT (SEQ ID NO:73). Thus, the entire PCR-product was sequenced from the tailed PCR-primer.--

Please replace the paragraph beginning at page 20, line 11, with the following rewritten paragraph:

-- For full sequencing, one of the PCR-primers in a primer pair was designed for sequencing by addition of a 29 nucleotide tail complementary to M13 at its 5'-end, namely the nucleotide AGTCACGACGTTGTAAAACGACGGCCAGT (SEQ ID NO:73). Thus, the entire PCR-product was sequenced from the tailed PCR-primer.--